

REMARKS

The present amendment is prepared in accordance with the new revised requirements of 37 C.F.R. § 1.121. A complete listing of all the claims in the application is shown above showing the status of each claim. For current amendments, inserted material is underlined and deleted material has a line therethrough.

Applicants appreciate the thoroughness with which the Examiner has examined the above-identified application. Reconsideration is requested in view of the amendments above and the remarks below.

Applicants note that the Request for Continued Examination under 37 CFR 1.114 has been granted. The Examiner states that claims 28-30 and 32-34 are canceled, claims 1, 3-10, 12-18, 20-24 and 27-28 are pending and claims 5, 7-10, 12-15, 17-18, 20-23 and 27 remain withdrawn

Claims 1, 3-4, 6, 16 and 24 have been rejected under 35 USC 112, first paragraph, as failing to comply with the written description requirement. The Examiner contends that the claims contain subject matter which is not described in the specification in such a way that they reasonably convey to one skilled in the relevant art that the inventors at the time the application was filed had possession of the claimed invention. Specifically, the Examiner contends that the specification lacks an adequate written description of the invention since there is no support for a "flexible corrugated tape strip" in combination with a "flat flexible tape strip". There is only support for a "tape strip article" which may be a "single or double faced corrugated tape strip".

Firstly, Applicants have amended the claims to claim a double-faced flexible corrugated tape strip article. Such an article is made by providing a flexible corrugated

tape strip of a thermal conductor material having a flat flexible tape strip of the thermal conductor material bonded to each side thereto. Support for the amendments may be found, for example, on page 4, the paragraphs beginning at lines 9 and 14. Also, such a tape article is shown in Fig. 4B. Accordingly, it is respectfully submitted that there is support in the specification for such an article and method of using the article.

Claim 3 has been rejected under 35 USC 112, second paragraph, because there is insufficient antecedent basis for the limitation "the tape strip" in line 1. The Examiner contends that it is not clear which "tape strip" is being referenced, i.e., the corrugated or flat tape strip.

Both "tape strips" are being referenced and claim 3 has been amended accordingly. Support for the amendment may be found in the specification, for example, on page 12, the paragraph beginning at line 27.

Claims 1, 3-4, 6, 16 and 24 have been rejected under 35 USC 102(b) as being anticipated by Trunk (Fig. 2), U.S. Patent No. 3,261,396. Regarding claim 4, as permissibly gleaned from Fig. 2, the thickness of corrugated strip 24 and flat strip 14 are at most 2.5 times the thickness of anodized coating 32 of 1 mil.

Trunk relates to heat dissipaters for electronic circuitry. While Trunk does show corrugated sheet metal used to form the heat dissipater, it is clear that the corrugated sheet metal does not have a flat strip on each side of the corrugated strip as now claimed by Applicants. Applicants' article is a double-faced article comprising a corrugated strip and a strip bonded to each side of the corrugated strip. Trunk does not show such an article and does not therefore anticipate nor teach Applicants' invention.

Claims 1, 3, 16 and 24 have been rejected under 35 USC 102(b) as being anticipated by Haushalter, U.S. Patent No. 4,926,935. The Examiner cites Fig. 1, col. 1, lines 12-26 and states that the base plate of Haushalter is believed to be flexible.

Haushalter is cited to show a length of corrugated compressed fin forming a continuous top flat surface and a continuous bottom flat surface. Haushalter does disclose that the heat sink currently requires a base plate between a length of corrugated fin and the element to be temperature controlled. The Examiner relies on the use of a base plate with a corrugated fin to show Applicants' invention.

Applicants' claims have been amended to claim a double-faced flexible corrugated tape strip article used for heat dissipation. Haushalter does not show such a double-faced article and it is respectfully submitted that the claims are properly allowable over this reference.

Claims 1, 3-4, 6, 16 and 24 have been rejected under 35 USC 102(b) as being anticipated by August (Fig. 3), U.S. Patent No. 5,829,512. Regarding claim 4, as permissibly gleaned from Fig. 3, the thickness of corrugated strip 10 and flat strip 25 are substantially the same thickness of 1 to 10 mil.

August shows a heat sink for dissipating heat from electronic components and the heat sink is formed from metal foil comprising a series of co-planar base portions interposed with transverse fins. A base layer comprising an additional strip of sheet metal material has adhesive on both sides and is affixed to the base portions of the folded foil on one side and the surface of the electronic component on the other side.

It is clear that August does not disclose nor teach Applicants' invention which is directed to a double-faced flexible corrugated tape strip article. There is no disclosure in

August to use a strip of sheet metal material on both sides of the fins. Accordingly, it is respectfully submitted that the claims are properly allowable over August.

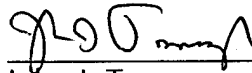
Claims 1, 16 and 24 have been rejected under 35 USC 102(e) as being clearly anticipated by McCullough U.S. Patent No. 6,367,541.

McCullough is directed to a conforming heat sink assembly for removing heat from integrated circuit devices. It is clear that a double-faced flexible corrugated tape strip article is not shown and it is respectfully submitted that the amended claims are properly allowable over McCullough. McCullough only shows the fins attached to the top surface of flexible base member 104. There is no disclosure of the other side of the fins likewise having a flexible member attached thereto as now claimed in Applicants' invention.

Applicants note the rejection in view of Takahashi is withdrawn, since only the thickness of the corrugated strip is disclosed without respect to a flat strip.

It is respectfully submitted that the application has now been brought into a condition where allowance of the case is proper. Reconsideration and issuance of a Notice of Allowance are respectfully solicited. Should the Examiner not find the claims to be allowable, Applicants' attorney respectfully requests that the Examiner call the undersigned to clarify any issue and/or to place the case in condition for allowance.

Respectfully submitted,



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